

Student Name _____

High School or Vocational Center _____

COMPETENCY RECORD FOR ARTICULATION

Baker College

Please check below each skill the student has mastered with a minimum of 80 percent accuracy or with an A or B grade.

CIS107A INTRODUCTION TO HARDWARE CONCEPTS

Task	Satisfactory	Unsatisfactory
Describe how basic desktop PC modules interact under normal conditions.		
Identify and demonstrate basic procedures for adding and removing field replaceable components in desktop systems modules.		
Identify and demonstrate basic procedures for adding and removing field replaceable components in a portable system.		
Identify available IRQs, DMAs, and IO addresses and demonstrate procedures for configuring them for device installation.		
Identify common peripheral ports, associated cabling, and their connectors.		
Identify and demonstrate proper procedures for installing and configuring an IDE/EIDE hard drive.		
Identify and demonstrate proper procedures for installing and configuring SCSI devices.		
Identify and demonstrate proper procedures for installing and configuring peripheral devices.		
Identify and demonstrate methods of optimizing PC operations.		
Identify and demonstrate methods and considerations for upgrading PCs.		
Identify common symptoms of common problems, and methods of troubleshooting common problems.		
Identify and demonstrate basic use of troubleshooting tools and soliciting information from customers.		
Identify the purpose of various types of preventive maintenance products and describe procedures for using them.		

Task	Satisfactory	Unsatisfactory
Identify procedures and safety devices used for protection of people and equipment		
Identify and demonstrate environmental protection measures.		
Identify the currently popular CPU chips in terms of their basic characteristics.		
Identify different categories of RAM and their physical characteristics.		
Identify the most popular type of system boards, their components, and their architecture.		
Identify the contents of CMOS set-up and demonstrate how to change its basic parameters.		
Identify basic concepts of printer technology and operation.		
Identify and demonstrate basic servicing techniques for primary printer types.		
Identify and demonstrate usage of common types of network cables and connectors.		
Demonstrate understanding of how to network PCs.		
Demonstrate how to connect PCs to the Internet.		

Teacher signature _____ Date _____